

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022822\
 Data File : BN018768.D
 Acq On : 28 Feb 2022 19:51
 Operator : CG/JU
 Sample : N1656-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGQ18

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

03/01/2022
 Supervised By :Yogesh
 Patel

Quant Time: Feb 28 23:56:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 18 13:39:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	5486	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	13291	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	6682	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	13219	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.465	240	10419	0.400	ng/ul	# 0.00
23) Perylene-d12	23.862	264	10238	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	26601	4.269	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.305	152	5049	0.278	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	12438	0.400	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	276	0.043	ng/ul#	70
15) Phenanthrene	17.326	178	1959	0.045	ng/ul#	90
19) Fluoranthene	19.340	202	2547	0.058	ng/ul#	82
22) Chrysene	21.503	228	955	0.023	ng/ul#	81
24) Benzo(b)fluoranthene	23.134	252	1653m	0.036	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.343	276	1035	0.020	ng/ul#	56
29) Benzo(g,h,i)perylene	27.111	276	1123	0.026	ng/ul#	64

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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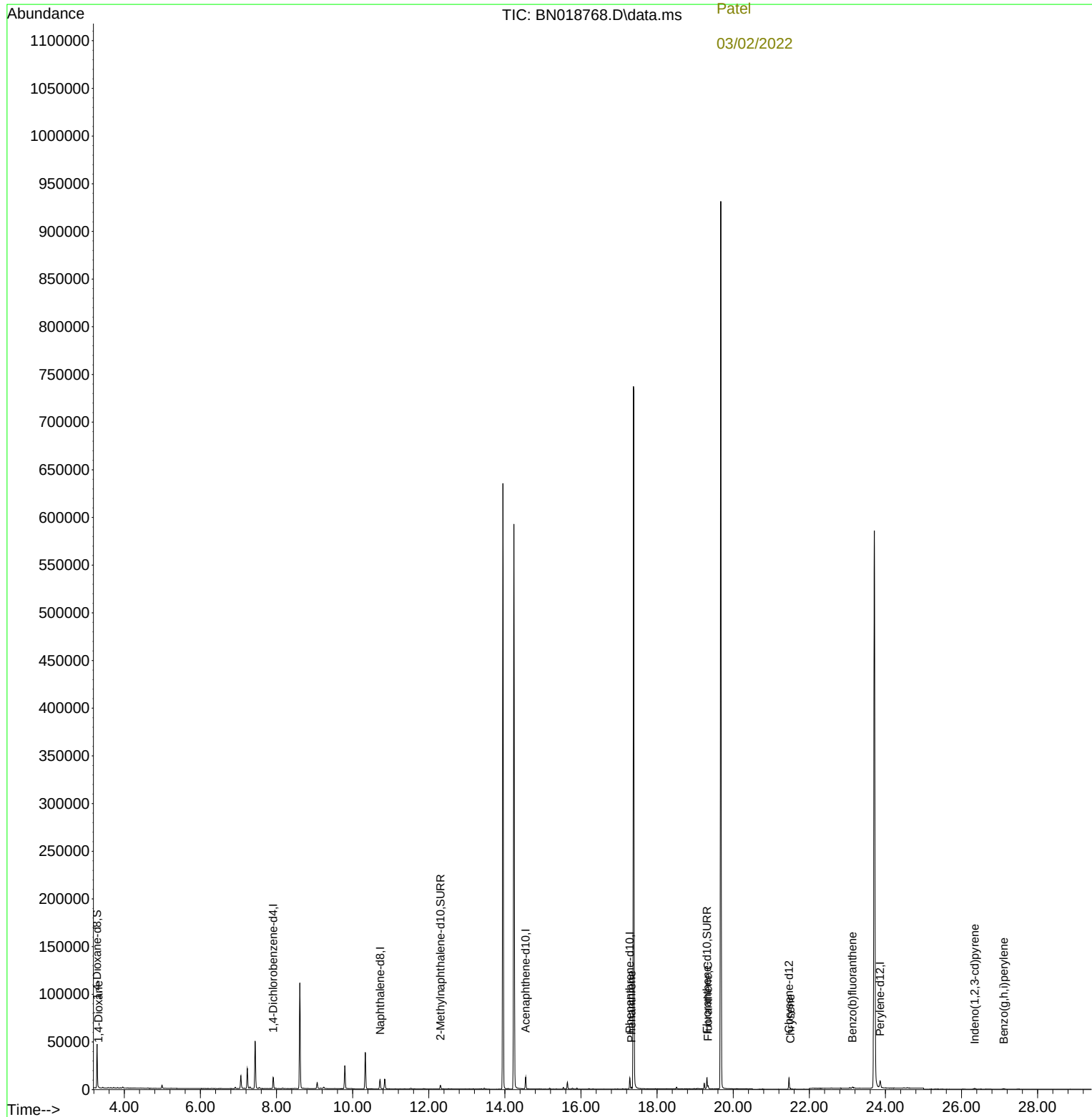
Instrument :
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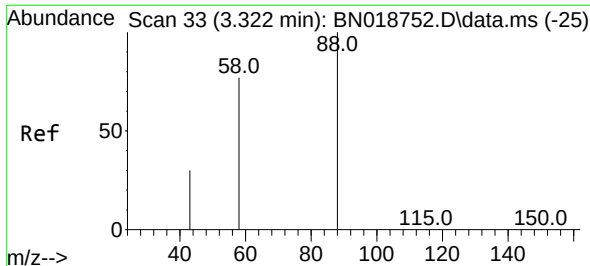
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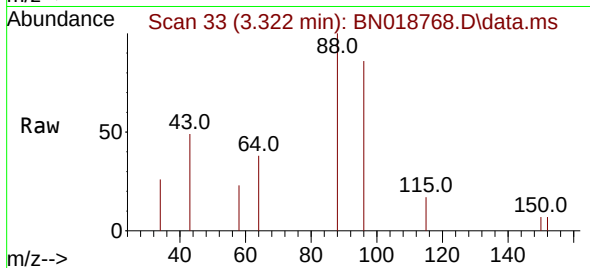
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#2
1,4-Dioxane
Concen: 0.043 ng/ul
RT: 3.322 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BN018768.D
Acq: 28 Feb 2022 19:51

Instrument :
BNA_N
ClientSampleId :
BGQ18



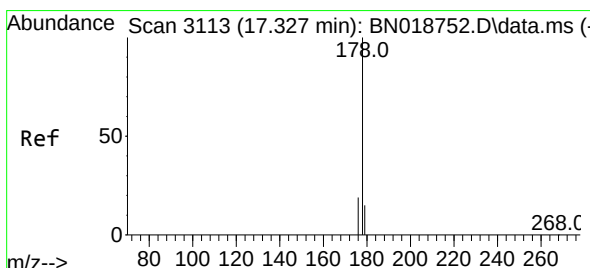
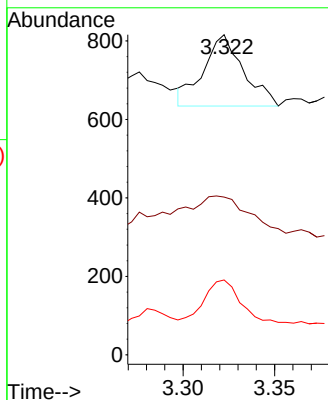
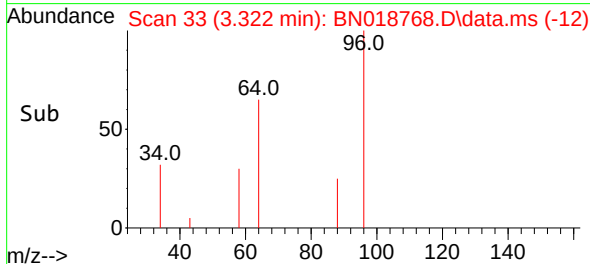
Tgt Ion: 88 Resp: 270
Ion Ratio Lower Upper
88 100
43 49.3 47.8 71.8
58 23.4 46.2 69.2

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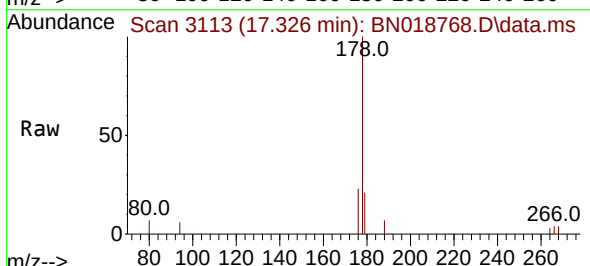
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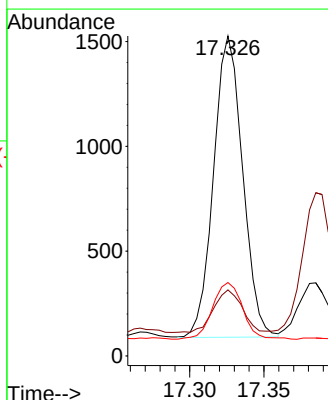
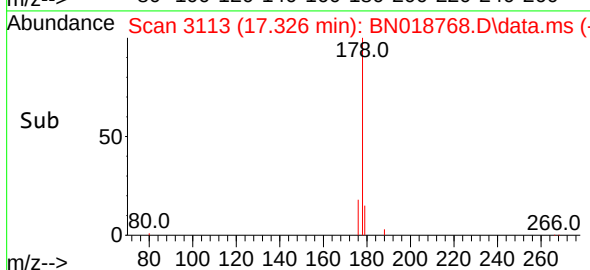
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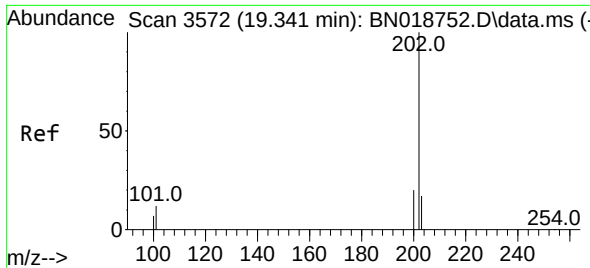


#15
Phenanthrene
Concen: 0.045 ng/ul
RT: 17.326 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BN018768.D
Acq: 28 Feb 2022 19:51



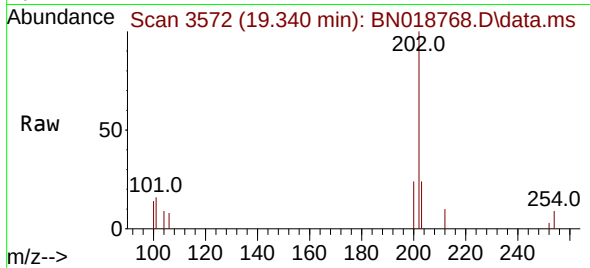
Tgt Ion:178 Resp: 1959
Ion Ratio Lower Upper
178 100
179 20.6 12.2 18.4
176 22.9 15.4 23.2





#19
Fluoranthene
Concen: 0.058 ng/u1
RT: 19.340 min Scan# 3572
Delta R.T. -0.003 min
Lab File: BN018768.D
Acq: 28 Feb 2022 19:51

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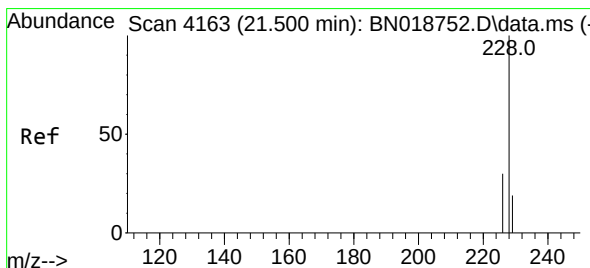
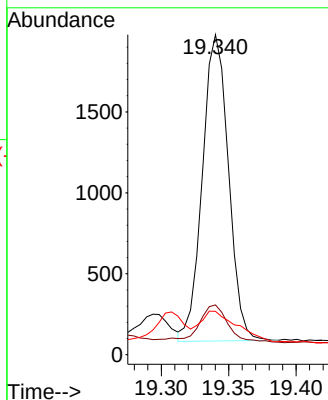
Tgt Ion:202 Resp: 2547
Ion Ratio Lower Upper
202 100
101 15.6 7.5 11.3#
100 13.6 5.4 8.2#

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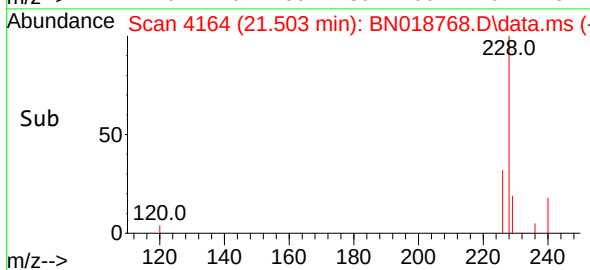
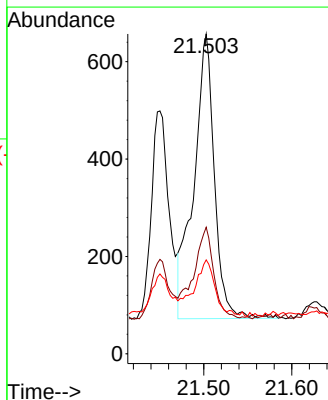
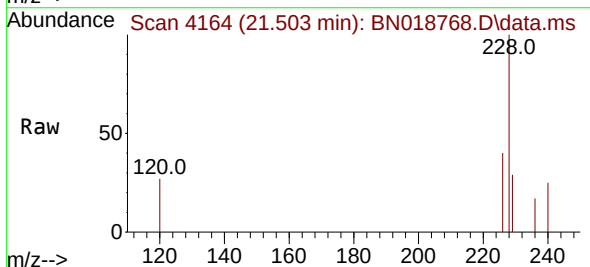
03/01/2022
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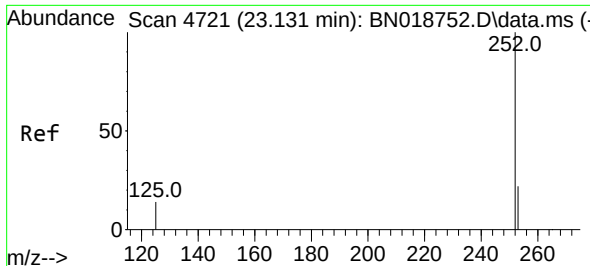
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#22
Chrysene
Concen: 0.023 ng/u1
RT: 21.503 min Scan# 4164
Delta R.T. -0.002 min
Lab File: BN018768.D
Acq: 28 Feb 2022 19:51

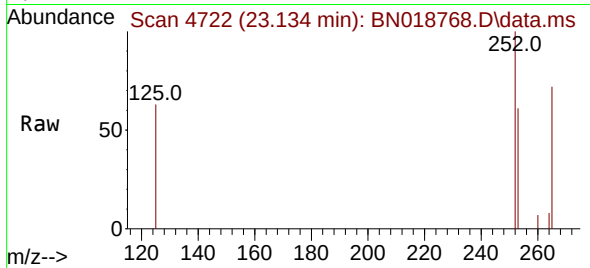
Tgt Ion:228 Resp: 955
Ion Ratio Lower Upper
228 100
226 39.6 24.2 36.4#
229 29.4 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.036 ng/ul m
RT: 23.134 min Scan# 4721
Delta R.T. -0.002 min
Lab File: BN018768.D
Acq: 28 Feb 2022 19:51

Instrument :
BNA_N
ClientSampleId :
BGQ18



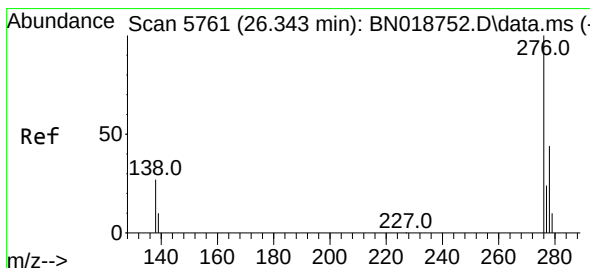
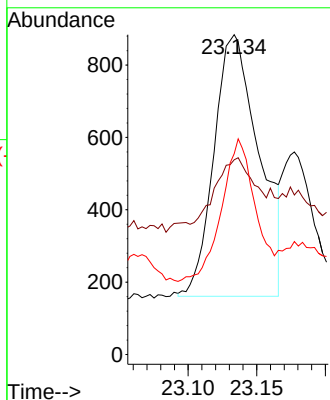
Tgt Ion:252 Resp: 165
Ion Ratio Lower Upper
252 100
253 60.9 0.0 46.4#
125 62.8 0.0 17.8#

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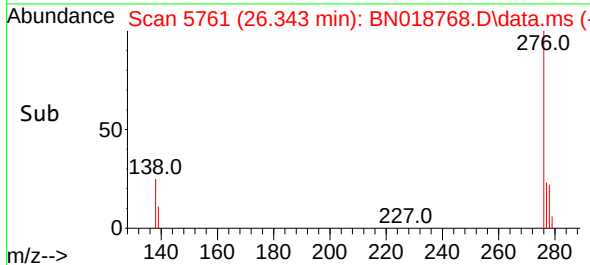
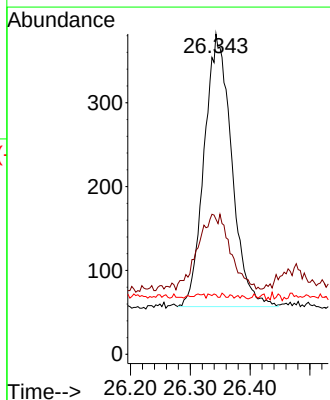
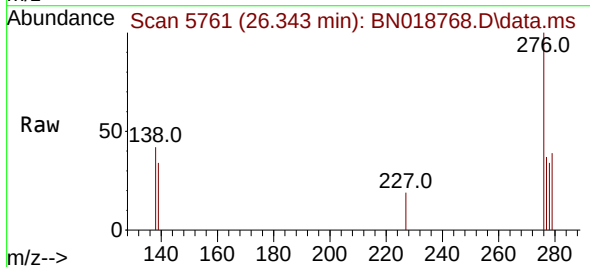
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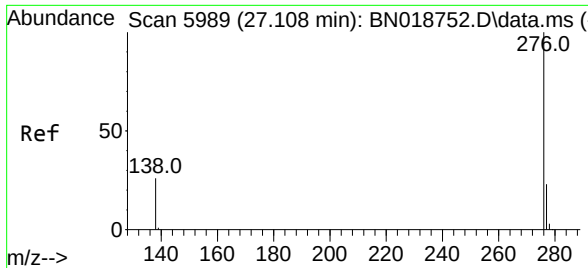
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng/ul
RT: 26.343 min Scan# 5761
Delta R.T. -0.015 min
Lab File: BN018768.D
Acq: 28 Feb 2022 19:51

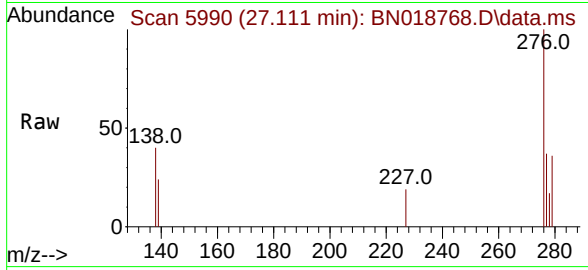
Tgt Ion:276 Resp: 1035
Ion Ratio Lower Upper
276 100
138 0.0 16.5 24.7#
227 0.2 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.026 ng/ul
 RT: 27.111 min Scan# 5990
 Delta R.T. -0.012 min
 Lab File: BN018768.D
 Acq: 28 Feb 2022 19:51

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion: 276 Resp: 112

Ion	Ratio	Lower	Upper
276	100		
138	40.3	14.4	21.6
277	36.7	19.2	28.8

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